

**AUG 05 2005**

PATENT  
Attorney Docket No.: 020945-001510US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Xiaopeng Chen et al

Application No.: 09/882,283

Filed: June 14, 2001

For: METHOD FOR ITERATIVE AND  
NON-ITERATIVE DATA DETECTION  
USING REDUCED-STATE SOFT-  
INPUT/SOFT-OUTPUT ALGORITHMS  
FOR COMPLEXITY REDUCTION

Customer No.: 20350

Confirmation No. 7871

Examiner: Joseph D. Torres

Technology Center/Art Unit: 2133

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed April 5, 2005, please enter the following  
amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this  
paper.

Remarks/Arguments begin on page 12 of this paper.